

REMARKS

The Applicants have carefully reviewed the Final Office Action mailed March 30, 2007 and offer the following remarks to accompany the above amendments.

Initially, the Applicants wish to thank Examiner Wendell for taking the time to speak with the Applicants' representative on May 3, 2007. During the Examiner Interview, the cited references, along with the claim amendments noted above were discussed. Examiner Wendell kindly pointed out that, as amended, the pending claims include subject matter which is allowable over the cited references.

Furthermore, the Applicants wish to thank the Examiner for stating that claims 4, 5, 8-10, 14, 15, 19, 20, 23-25, 29, and 30 would be allowable if rewritten in independent form. The Applicants reserve the right to rewrite claims 4, 5, 8-10, 14, 15, 19, 20, 23-25, 29, and 30 at a later time.

Claims 1-3, 6, 7, 11-13, 16-18, 21, 22, 26-28, and 31 were rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,125,109 to *Fuerter* (hereinafter "*Fuerter*") in view of U.S. Patent No. 7,069,051 B1 to *Katz* (hereinafter "*Katz*") and further in view of U.S. Patent Application Publication No. 2003/0148747 A1 to *Yamamoto* (hereinafter "*Yamamoto*"). The Applicants respectfully traverse the rejections.

The Applicants have amended claims 1, 16, and 31 to include the subject matter of "a second receive signal different from the first receive signal." During the Examiner Interview, Examiner Wendell kindly pointed out that this amendment would make the pending claims allowable over the cited references. Accordingly, the Applicants submit that the present application is now in a condition for allowance and such action is respectfully requested. The Examiner is encouraged to contact the Applicants' representative regarding any remaining issues in an effort to expedite allowance and issuance of the present application.

Respectfully submitted,

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